

Amendments to Claims:

This listing of claims will replace all prior versions, and lists, of claims in the application.

1. (Currently amended) A remote data processing and storage device for wireless, two-way data transfer communication with one or more data exchange infrastructure devices, said remote data processing and storage device comprising[[;]]:
- a housing;
 - a power supply disposed within said housing;
 - a microprocessor in electrical communication with said power supply and disposed within said housing;
 - a data memory storage unit in electrical communication with said power supply and disposed within said housing;
 - a transmitter and receiver assembly in electrical communication with said microprocessor and said power supply, said transmitter and receiver assembly being disposed within said housing for electronic wireless communication with one or more data exchange infrastructure devices; ~~and~~
 - a virtual interface preprogrammed in said microprocessor with a protocol for seeking, detecting and establishing two-way data exchange communication with at least one data exchange infrastructure device, wherein
 - said remote data processing and storage device is configured to select at least one data exchange infrastructure device is selectively configured for individual use by said remote data processing and storage device or for collaborative concurrent use by multiple remote data processing and storage devices,
 - said remote data processing and storage device is configured to determine whether said data exchange infrastructure device is configured for individual use by said remote data processing and storage device or collaborative concurrent use

by multiple remote data processing and storage devices, and
said remote data processing and storage device is configured to select
sharing models to be used separately or simultaneously by said remote data
processing and storage device to manage and enforce said collaborative
concurrent use of at least one data exchange infrastructure device.

2. (Original) A remote data processing and storage device according to claim 1 and further comprising a security arrangement to enhance data security.

3. (Original) A remote data processing and storage device according to claim 2 wherein said a security arrangement includes a data encrypting and decrypting arrangement.

4. (Original) A remote data processing and storage device according to claim 2 wherein said security arrangement includes a data verification arrangement.

5. (Original) A remote data processing and storage device according to claim 1 wherein said remote data processing and storage device is configured to reject any incoming connection and to thereby initiate all data connections for data exchange.

6. (Original) A remote data processing and storage device according to claim 1 wherein said remote data processing and storage device is configured for operation in an environment including two or more remote data processing and storage devices.

7. (Original) A remote data processing and storage device according to claim 1 wherein said remote data processing and storage device is configured to accept signals from multiple data exchange infrastructure devices.

8. (Original) A remote data processing and storage device according to claim 1 wherein said remote data processing and storage device is configured to recognize predetermined data stream

structures and encode the data stream for more efficient transmission.

9. (Original) A remote data processing and storage device according to claim 8 wherein said remote data processing and storage device interacts with a programmable channel in a data exchange infrastructure device to encode the data stream for more efficient transmission.

10. (Previously presented) A remote data processing and storage device according to claim 1 wherein said remote data processing and storage device is configured to define an execution environment to prevent access to any remote data processing and storage device resources except a data exchange stream and a predetermined amount of storage space.

11. (Original) A remote data processing and storage device according to claim 1 wherein said remote data processing and storage device is configured to insure that any received input information originated with an intended data exchange infrastructure device.

12. (Original) A remote data processing and storage device according to claim 1 wherein said transmitter and receiver assembly is configured for operation within variable, predetermined ranges.

Claims 13- 63. (Canceled)

64. (Currently amended) A computer program, comprising a computer usable medium having a computer readable program code embodied on a remote computing device, said computer-readable program code adapted to be executed to implement a method for interfacing remote computing devices with data exchange infrastructure devices, the method comprising:

providing a system for wireless data exchange using at least one remote computing device, wherein the remote computing device comprises distinct computer modules, and wherein the distinct computer modules comprise a microprocessor, a data memory storage unit, and a transmitter and receiver assembly;

preprogramming a virtual interface protocol in the microprocessor for seeking an announcing protocol from one or more data exchange infrastructure devices announcing the presence of one or more data exchange infrastructure devices;

detecting said announcing protocol; and

establishing two-way data exchange communication with said at least one of said one or more data exchange infrastructure devices, wherein

said remote computing device is configured to select at least one of said one or more data exchange infrastructure device for ~~allows either~~ individual use by said ~~at least one~~ remote computing device or collaborative concurrent use by multiple remote ~~computing~~ computing devices,

said remote computing device is configured to determine whether said data exchange infrastructure device is configured for individual use by said remote computing device or collaborative concurrent use by multiple remote computing devices, and

said remote computing device is configured to select sharing models to be used separately or simultaneously by said remote computing device to manage and enforce said collaborative concurrent use of at least one data exchange infrastructure device.

65. (Previously presented) A computer program according to claim 64 and further comprising a method for enhancing data security.

66. (Previously presented) A computer program according to claim 64 and further comprising a method for encrypting data.

67. (Previously presented) A computer program according to claim 64 and further comprising a method for verifying data.

68. (Canceled)

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69. (Previously presented) A computer program according to claim 64 and further comprises a method for recognizing predetermined data stream structures and to encode the data stream for more efficient transmission.

70. (Previously presented) A computer program according to claim 64 and further comprises a method for defining an execution environment to prevent access to any remote data processing and storage device resources except the data exchange stream and a predetermined amount of storage space.

71. (Previously presented) A computer program according to claim 64 and further comprises a method for insuring that any received input information originated with an intended data exchange infrastructure device.

Claims 72-111. (Canceled)